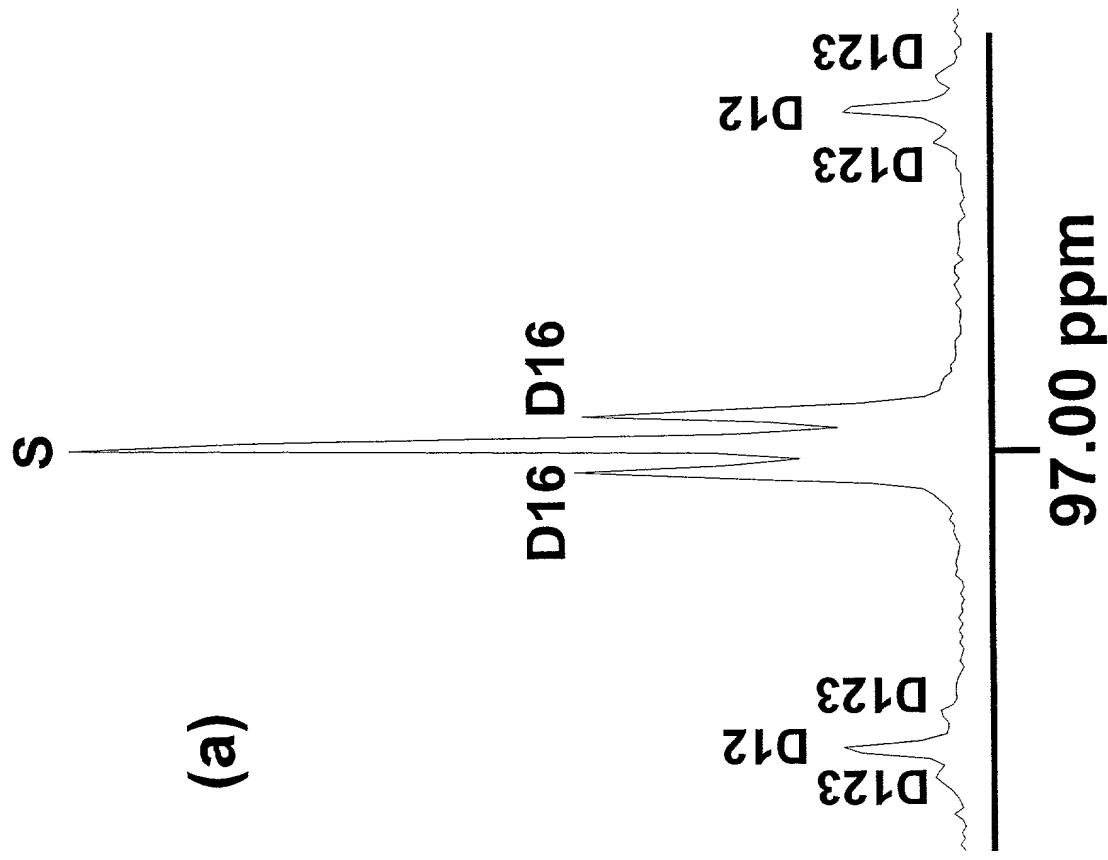


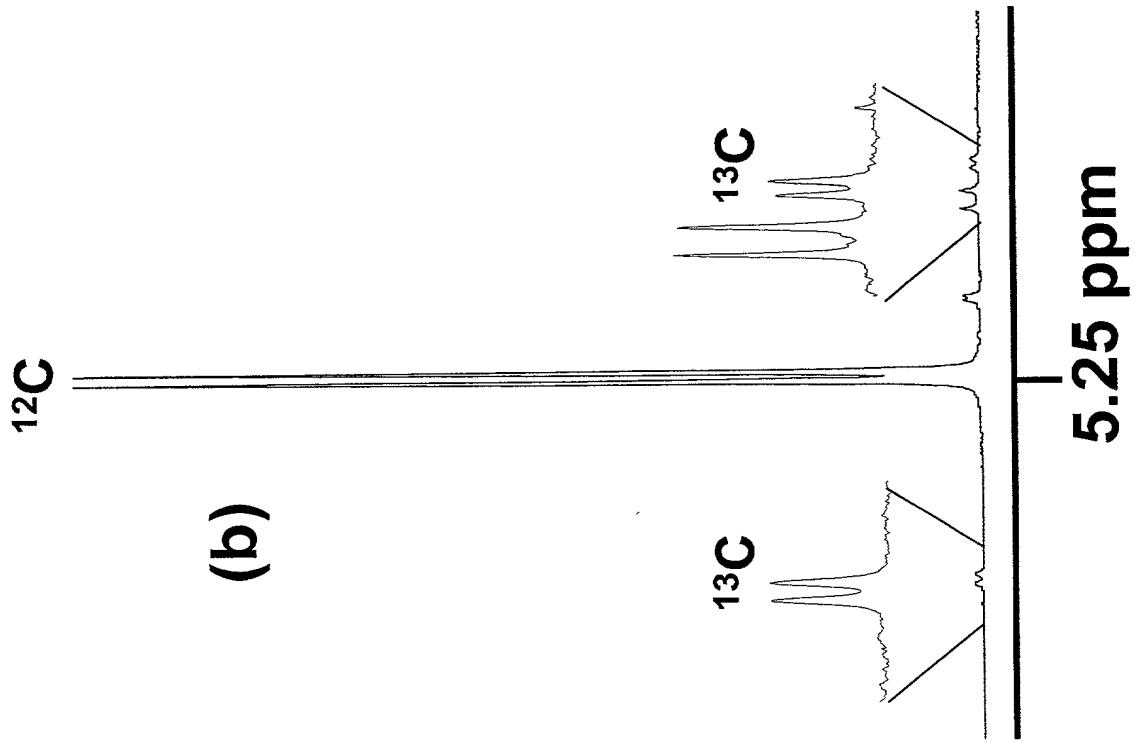
Fig 1

Glucose C1 β



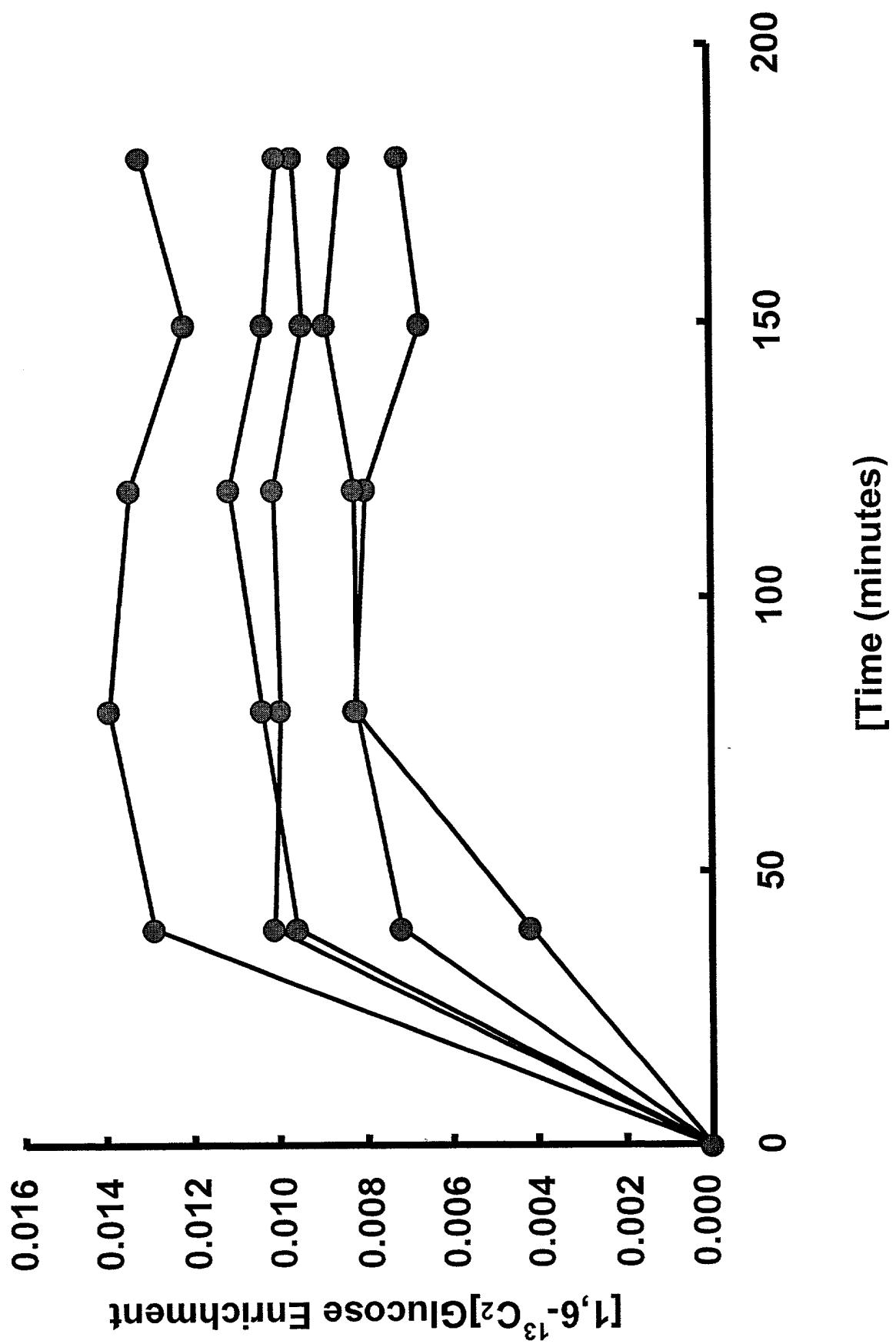
(a)

Glucose H1 α

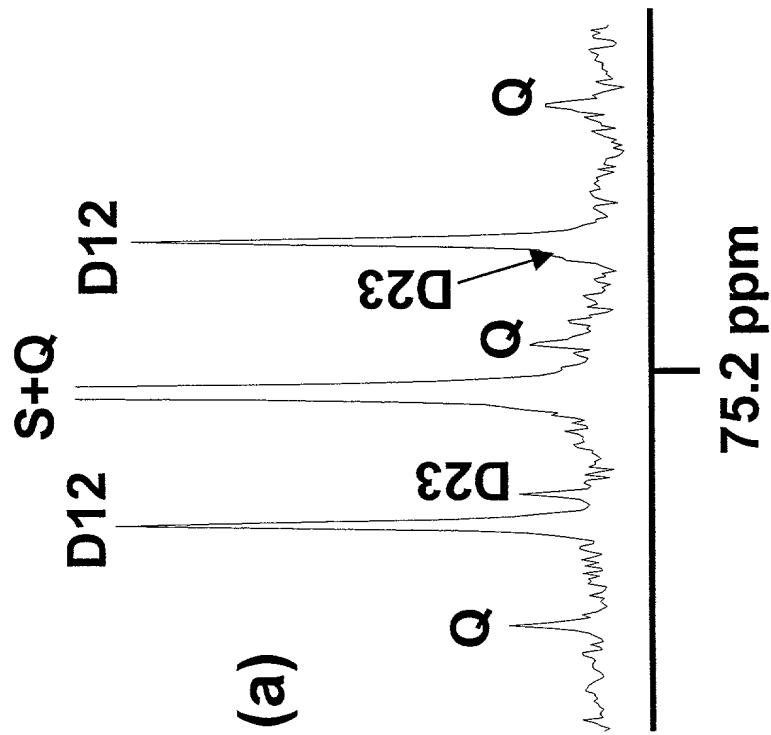


(b)

Fig 4



Glucose C2 β



Glucuronate C5 β

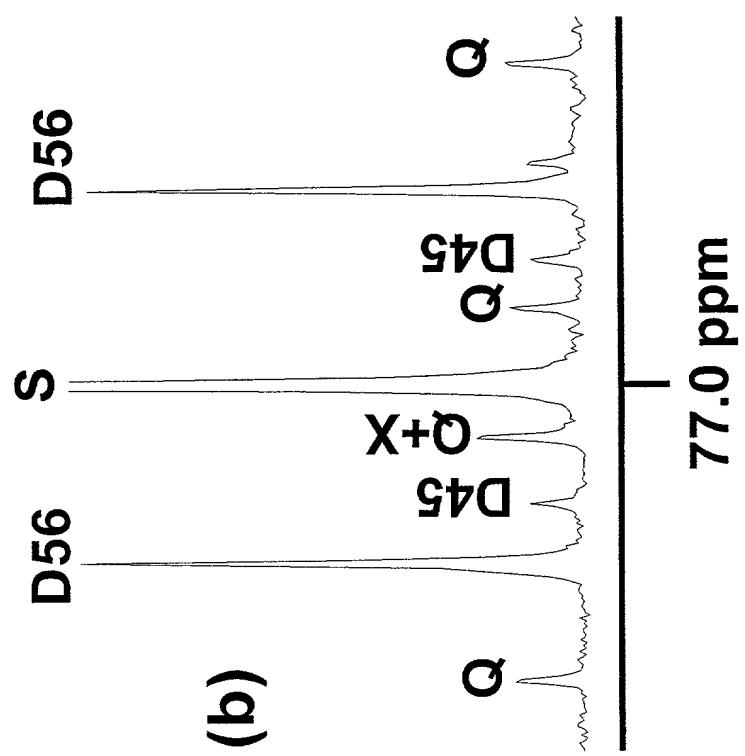


Fig 4

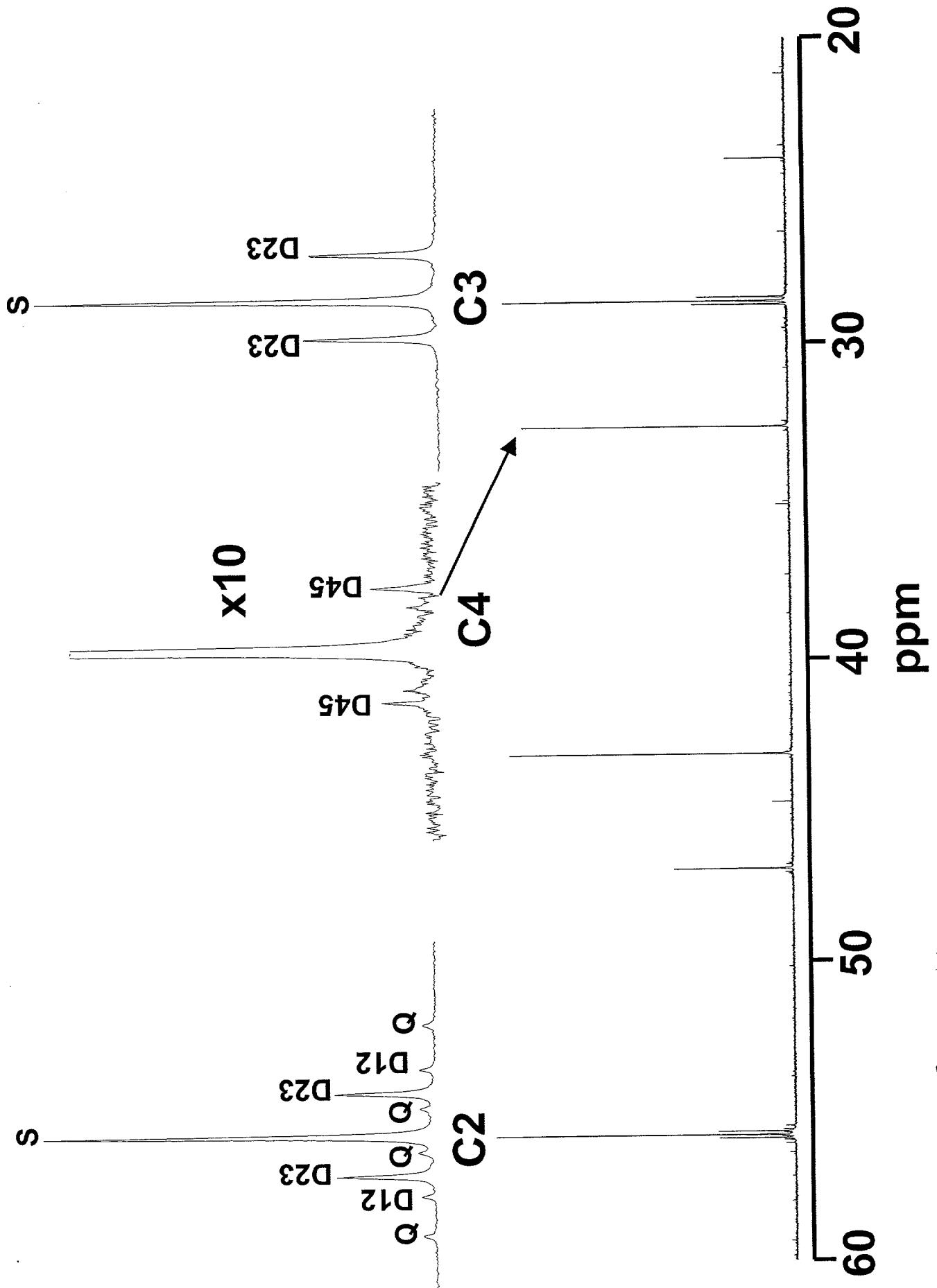


Fig 5

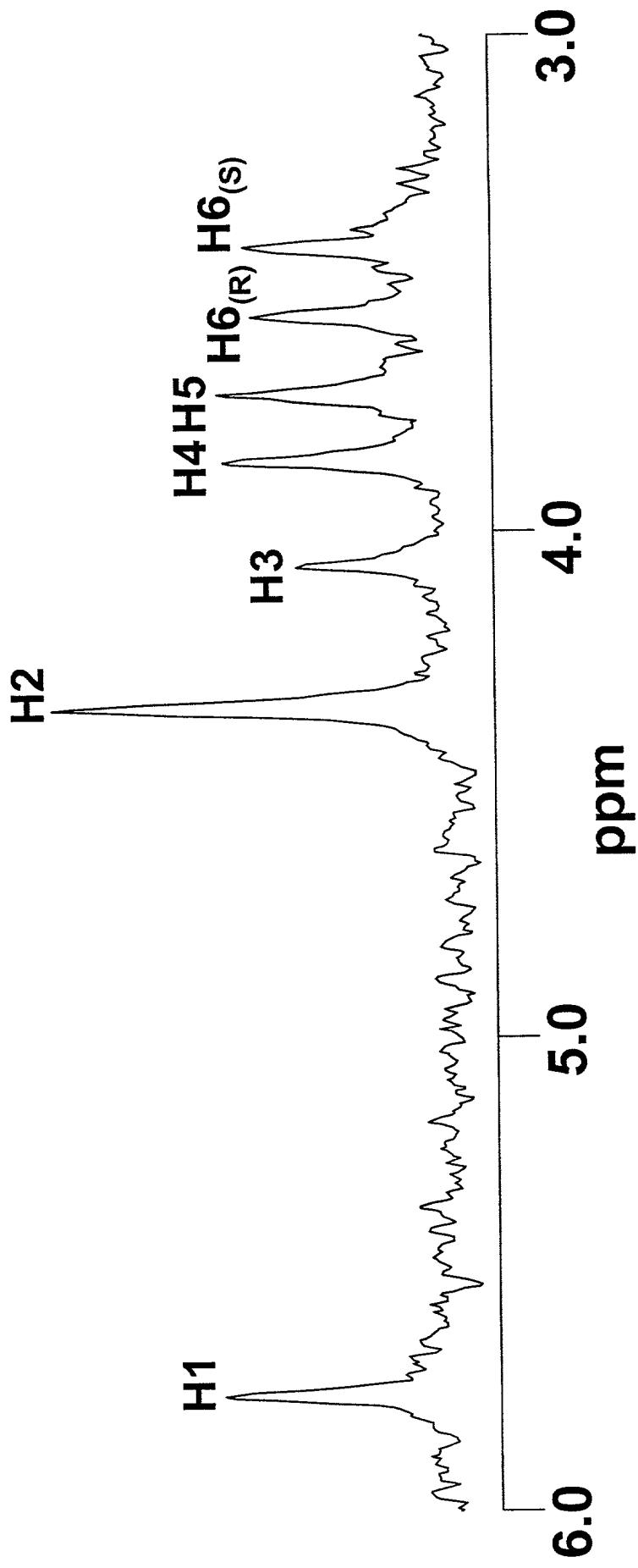


Fig 6

Pyruvate

Oxaloacetate

PEP

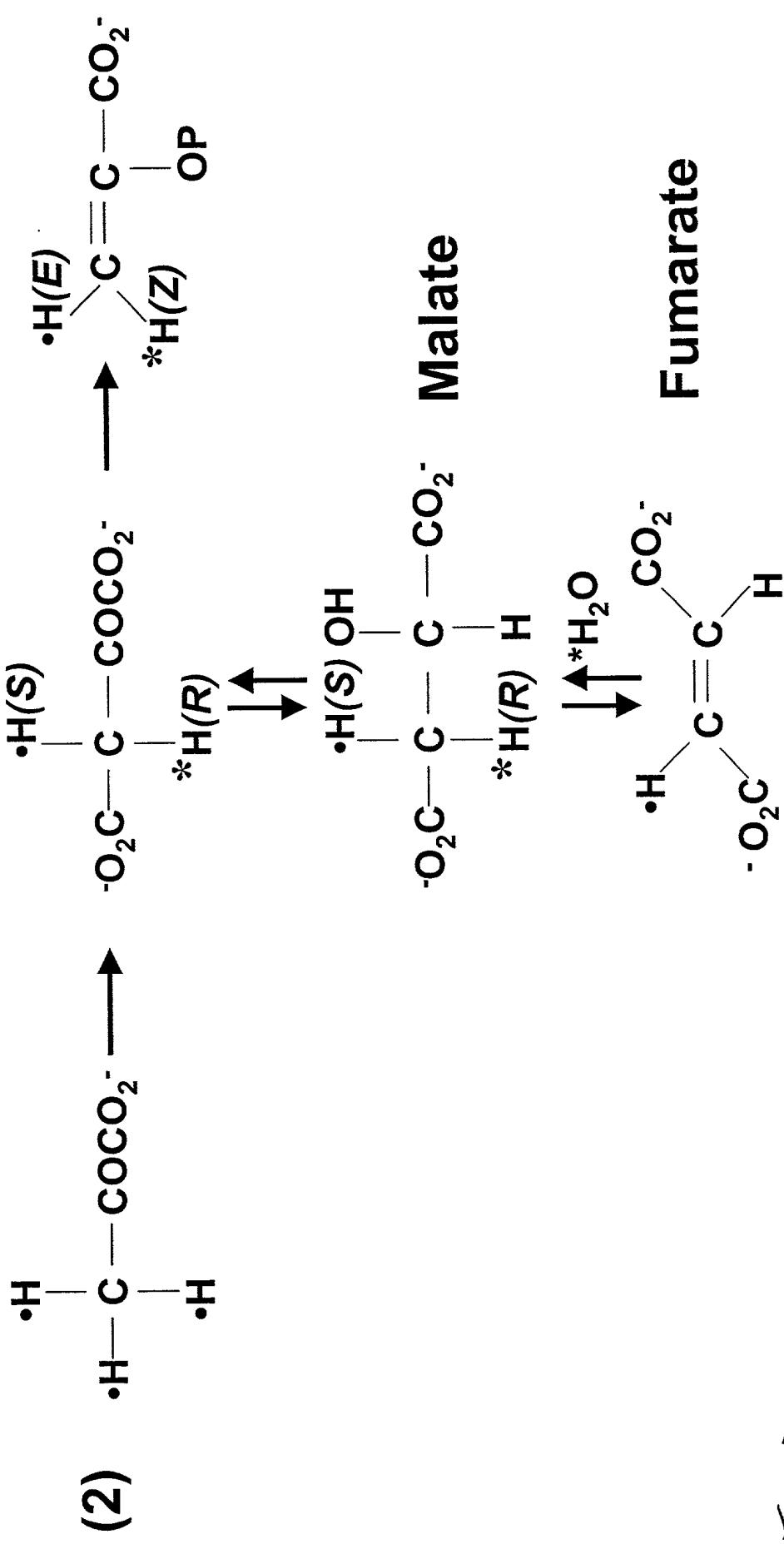
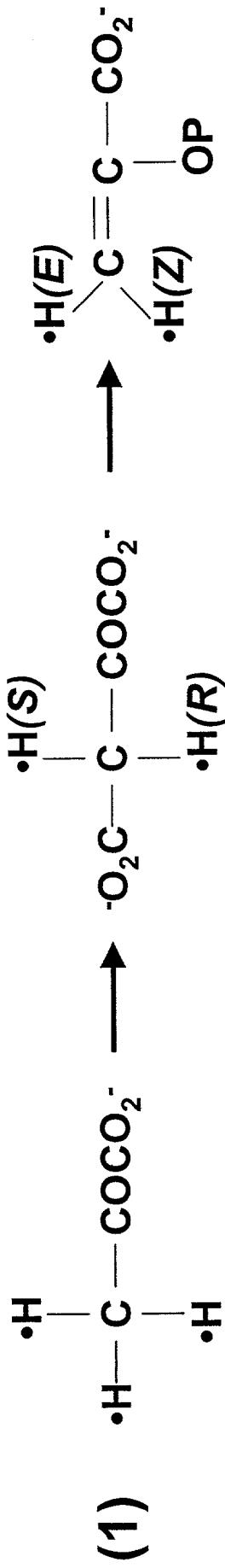


Fig 7